

1 What is claimed is:

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- 3 1. An LCD assembly for a home appliance, comprising:
- 4 an insulator provided rectangular at one side of the home appliance to have a guide
- 5 along an edge of the insulator;
- 6 a printed circuit board loaded inside the guide;
- 7 a coating layer on the printed circuit board;
- 8 an LCD panel provided over the coating layer; and
- 9 a plurality of recesses formed along edges of the insulator, the printed circuit board,
- 10 the coating layer, and the LCD panel.
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- 12 2. The LCD assembly as claimed in claim 1, further comprising a dummy at
- 13 each of the recesses to be connected to the printed circuit board through a multitude of bridges.
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- 15 3. The LCD assembly as claimed in claim 2, wherein the bridges extend outside
- 16 the corresponding recess.
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- 18 4. The LCD assembly as claimed in claim 2, wherein a breaking portion of the
- 19 corresponding bridges is formed relatively thin.
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- 21 5. The LCD assembly as claimed in claim 2, wherein a breaking portion of the
- 22 corresponding bridges is formed relatively thinner than other portions by etching.
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- 24 6. The LCD assembly as claimed in claim 2, wherein a breaking portion of the

corresponding bridges is formed relatively thinner than other portions by stamping.

7. The LCD assembly as claimed in claim 1, further comprising a plurality of bosses protruding from a bottom of the insulator to penetrate the recesses, respectively.

8. The LCD assembly as claimed in claim 7, wherein a step is formed at an end of each of the bosses so that the LCD panel is caught on the step to leave a predetermined gap from the coating layer.

9. The LCD assembly as claimed in claim 7, wherein a screw coupling hole is formed at an end of each of the bosses so that the LCD panel is coupled to the end of each of the bosses by a screw.

10. The LCD assembly as claimed in claim 1, wherein the insulator is formed of an electrically insulating material.

11. In an LCD assembly printed circuit board provided with a dummy connected thereto through a multitude of bridges in a recess at an edge thereof, a printed circuit board of a home appliance LCD assembly wherein the bridges extend outside the recess.

12. The printed circuit board as claimed in claim 11, wherein a breaking portion of the bridges is formed relatively thin.

13. The printed circuit board as claimed in claim 11, wherein a breaking portion

49 of the bridges is formed relatively thinner than other portions by etching.

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14. The printed circuit board as claimed in claim 11, wherein a breaking portion

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of the bridges is formed relatively thinner than other portions by stamping.